

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	83	((deriv\$6 or calculat\$5) same (load) same route same (bandwidth or rate)) and (@rlad<"20000809" or @ad<"20000809")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 10:43
L2	12	((deriv\$6 or calculat\$5) same (load) same route same (bandwidth or rate) same (capacity)) and (@rlad<"20000809" or @ad<"20000809")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 11:50
L3	2	((deriv\$6 or calculat\$5) same (load) same route same (bandwidth or rate) same (capacity)) and parallel and (@rlad<"20000809" or @ad<"20000809")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 11:30
L4	1	2000-389208.NRAN.	DERWENT	OR	ON	2007/05/29 11:45
L5	250	((load) same rout\$5 same (bandwidth or rate) same (capacity)) and (@rlad<"20000809" or @ad<"20000809")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 11:56
L6	133	((load) same rout\$5 same (bandwidth or rate) same (capacity)) and (parallel\$3 or concurrent\$3) and (@rlad<"20000809" or @ad<"20000809")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 12:07
L7	6	((load) same rout\$5 same (bandwidth or rate) same (capacity)) same (parallel\$3 or concurrent\$3) and (@rlad<"20000809" or @ad<"20000809")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 11:57
L8	48	((load) same rout\$5 same (bandwidth or rate) same (capacity)) and ((parallel\$3 or concurrent\$3) with process\$6) and (@rlad<"20000809" or @ad<"20000809")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 12:07

## EAST Search History

L9	162	(((quality adj3 service) or QOS) same ((parallel\$3 or concurrent\$3) with process\$6)) and (@rlad<"20000809" or @ad<"20000809")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 12:08
L10	16	("6141318" "6205117" "6363319" "6404744" "6519693" "6538991" "6721270" "6795399").PN. and (@rlad<"20000809" or @ad<"20000809")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 12:16

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L13	28	(load\$5 and rout\$5 and (bandwidth or rate) and (capacity) and (parallel\$3 or concurrent\$3)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 12:45
L14	262	(load\$5 and rout\$5 and (bandwidth or rate or band) and (capacity)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 12:45
L15	7	(load\$5 and rout\$5 and (bandwidth or rate or band) and (capacity) and objective and function).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 12:45



Welcome United States Patent and Trademark Office

☐ Search Results

BROWSE

SEARCH

IEEE XPLORE GUIDE

Results for "(routing&lt;paragraph&gt;load&lt;paragraph&gt;capacity&lt;paragraph&gt;(parallel or concurrent)&lt;p..."

Your search matched 8 of 1574558 documents.

A maximum of 500 results are displayed, 100 to a page, sorted by Relevance in Descending order.

e-mail

» Search Options

[View Session History](#)
[New Search](#)

Modify Search


☐ Check to search only within this results set

» Key

Display Format: ☒ Citation ☐ Citation & Abstract

IEEE JNL	IEEE Journal or Magazine
IET JNL	IET Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

 [Select All](#) [Deselect All](#)

- 1. Reduced load approximations for multirate loss networks**  
 Chung, S.-P.; Ross, K.W.;  
[Communications, IEEE Transactions on](#)  
 Volume 41, Issue 8, Aug. 1993 Page(s):1222 - 1231  
 Digital Object Identifier 10.1109/26.231966  
[AbstractPlus](#) | Full Text: [PDF](#)(684 KB) IEEE JNL  
[Rights and Permissions](#)
- 2. Neural networks for adaptive traffic control in ATM networks**  
 Nordstrom, E.; Carlstrom, J.; Gallmo, O.; Asplund, L.;  
[Communications Magazine, IEEE](#)  
 Volume 33, Issue 10, Oct. 1995 Page(s):43 - 49  
 Digital Object Identifier 10.1109/35.466218  
[AbstractPlus](#) | Full Text: [PDF](#)(656 KB) IEEE JNL  
[Rights and Permissions](#)
- 3. Dynamic bandwidth-allocation and path-restoration in SONET self-healing networks**  
 Gersht, A.; Kheradpir, S.; Shulman, A.;  
[Reliability, IEEE Transactions on](#)  
 Volume 45, Issue 2, June 1996 Page(s):321 - 331  
 Digital Object Identifier 10.1109/24.510821  
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(936 KB) IEEE JNL  
[Rights and Permissions](#)
- 4. Software-based rerouting for fault-tolerant pipelined communication**  
 Young-Joo Suh; Dao, B.V.; Yalamanchili, S.;  
[Parallel and Distributed Systems, IEEE Transactions on](#)  
 Volume 11, Issue 3, March 2000 Page(s):193 - 211  
 Digital Object Identifier 10.1109/71.841738  
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(1608 KB) IEEE JNL  
[Rights and Permissions](#)
- 5. Homogeneous routing for homogeneous traffic patterns on meshes**  
 Aronson, L.D.;  
[Parallel and Distributed Systems, IEEE Transactions on](#)  
 Volume 11, Issue 8, Aug. 2000 Page(s):781 - 793  
 Digital Object Identifier 10.1109/71.877937

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(284 KB\)](#) IEEE JNL  
[Rights and Permissions](#)

6. An opportunity cost approach for job assignment in a scalable computing cluster

Amir, Y.; Awerbuch, B.; Barak, A.; Borgstrom, R.S.; Keren, A.;  
[Parallel and Distributed Systems, IEEE Transactions on](#)  
Volume 11, Issue 7, July 2000 Page(s):760 - 768  
Digital Object Identifier 10.1109/71.877834

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(1276 KB\)](#) IEEE JNL  
[Rights and Permissions](#)

7. Scaling of Beowulf-class Distributed Systems

Salmon, J.; Stein, C.; Sterling, T.;  
[Supercomputing, 1998. SC98. IEEE/ACM Conference on](#)  
07-13 Nov. 1998 Page(s):51 - 51  
Digital Object Identifier 10.1109/SC.1998.10017

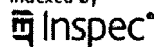
[AbstractPlus](#) | Full Text: [PDF\(352 KB\)](#) IEEE CNF  
[Rights and Permissions](#)

8. A parallel and distributed routing algorithm with a hierarchical connection management architecture for ISDN

Young-Tak Kim; Soo-Yong Koo; Youn-Ky Chung; Dong-Sik Yoon;  
[Global Telecommunications Conference, 1998. GLOBECOM 98. The Bridge to Global Integration.](#)  
Volume 5, 8-12 Nov. 1998 Page(s):3041 - 3046 vol.5  
Digital Object Identifier 10.1109/GLOCOM.1998.776630

[AbstractPlus](#) | Full Text: [PDF\(352 KB\)](#) IEEE CNF  
[Rights and Permissions](#)

Indexed by



[Help](#) [Contact Us](#) [Privacy](#)

© Copyright 2006 IE



Welcome United States Patent and Trademark Office

☐ Search Results[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)

Results for "routing&lt;paragraph&gt;load&lt;paragraph&gt;capacity&lt;paragraph&gt;parallel&lt;paragraph&gt;(band..."

Your search matched 8 of 446532 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

e-mail

## » Search Options

[View Session History](#)[New Search](#)

## Modify Search

 ☐ Check to search only within this results set

## » Key

Display Format: ☒ Citation ☐ Citation & Abstract

IEEE JNL	IEEE Journal or Magazine
IET JNL	IET Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

 [Select All](#) [Deselect All](#)

- 1. Reduced load approximations for multirate loss networks**  
Chung, S.-P.; Ross, K.W.;  
[Communications, IEEE Transactions on](#)  
Volume 41, Issue 8, Aug. 1993 Page(s):1222 - 1231  
Digital Object Identifier 10.1109/26.231966  
[AbstractPlus](#) | Full Text: [PDF](#)(684 KB) IEEE JNL  
[Rights and Permissions](#)
- 2. Neural networks for adaptive traffic control in ATM networks**  
Nordstrom, E.; Carlstrom, J.; Gallmo, O.; Asplund, L.;  
[Communications Magazine, IEEE](#)  
Volume 33, Issue 10, Oct. 1995 Page(s):43 - 49  
Digital Object Identifier 10.1109/35.466218  
[AbstractPlus](#) | Full Text: [PDF](#)(656 KB) IEEE JNL  
[Rights and Permissions](#)
- 3. Dynamic bandwidth-allocation and path-restoration in SONET self-healing networks**  
Gersht, A.; Kheradpir, S.; Shulman, A.;  
[Reliability, IEEE Transactions on](#)  
Volume 45, Issue 2, June 1996 Page(s):321 - 331  
Digital Object Identifier 10.1109/24.510821  
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(936 KB) IEEE JNL  
[Rights and Permissions](#)
- 4. Software-based rerouting for fault-tolerant pipelined communication**  
Young-Joo Suh; Dao, B.V.; Yalamanchili, S.;  
[Parallel and Distributed Systems, IEEE Transactions on](#)  
Volume 11, Issue 3, March 2000 Page(s):193 - 211  
Digital Object Identifier 10.1109/71.841738  
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(1608 KB) IEEE JNL  
[Rights and Permissions](#)
- 5. Homogeneous routing for homogeneous traffic patterns on meshes**  
Aronson, L.D.;  
[Parallel and Distributed Systems, IEEE Transactions on](#)  
Volume 11, Issue 8, Aug. 2000 Page(s):781 - 793  
Digital Object Identifier 10.1109/71.877937

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(284 KB\)](#) IEEE JNL  
[Rights and Permissions](#)

6. **An opportunity cost approach for job assignment in a scalable computing cluster**  
Amir, Y.; Awerbuch, B.; Barak, A.; Borgstrom, R.S.; Keren, A.;  
[Parallel and Distributed Systems, IEEE Transactions on](#)  
Volume 11, Issue 7, July 2000 Page(s):760 - 768  
Digital Object Identifier 10.1109/71.877834

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(1276 KB\)](#) IEEE JNL  
[Rights and Permissions](#)

7. **Bandwidth estimation: metrics, measurement techniques, and tools**  
Prasad, R.; Dovrolis, C.; Murray, M.; Claffy, K.;  
[Network, IEEE](#)  
Volume 17, Issue 6, Nov.-Dec. 2003 Page(s):27 - 35  
Digital Object Identifier 10.1109/MNET.2003.1248658

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(740 KB\)](#) IEEE JNL  
[Rights and Permissions](#)

8. **A progressive approach to handling message-dependent deadlock in parallel computer syst**  
Yong Ho Song; Pinkston, T.M.;  
[Parallel and Distributed Systems, IEEE Transactions on](#)  
Volume 14, Issue 3, March 2003 Page(s):259 - 275  
Digital Object Identifier 10.1109/TPDS.2003.1189584

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(1066 KB\)](#) IEEE JNL  
[Rights and Permissions](#)

Indexed by  
 Inspec®

[Help](#) [Contact Us](#) [Privacy](#)  
© Copyright 2006 IE

Logon

\*\*\* It is now 5/29/2007 10:44:15 AM \*\*\*

**Welcome to DialogLink - Version 5**  
**Revolutionize the Way You Work!**

**New on Dialog**  
**Enhanced Derwent World Patents Index Now Available**

The enhanced *Derwent World Patents Index*® (*DWPI*SM) (Files 350,351,352) is now available on Dialog. The improvements implemented in *DWPI* on Dialog further extend the database's rich content set and enhances overall functionality of the database.

In addition to distilled expert analysis reflected in *DWPI* expanded titles and abstracts, other enhancements include original patent filing details, multiple patent images, easy cut-and-paste patent family data, and much more.

The new templates include new features that will help you manage and distribute your *DWPI* search results in an attractive format.

Learn about all of the new *DWPI* enhancements and report templates at  
<http://www.dialog.com/dwpi>.

**DialogLink 5 Release Notes**

New features available in the latest release of DialogLink 5 (November 2005)

- Ability to resize images for easier incorporation into DialogLink Reports
- New settings allow users to be prompted to save Dialog search sessions in the format of their choice (Microsoft Word, RTF, PDF, HTML, or TEXT)
- Ability to set up Dialog Alerts by Chemical Structures and the addition of Index Chemicus as a structure searchable database
- Support for connections to STN Germany and STN Japan services

Show Preferences for details

? Help Log On Msg

\*\*\* ANNOUNCEMENTS \*\*\*

\*\*\*

**NEW FILES RELEASED**

\*\*\*BIOSIS Previews Archive (File 552)

\*\*\*BIOSIS Previews 1969-2007 (File 525)

\*\*\*Engineering Index Backfile (File 988)

\*\*\*Trademarkscan - South Korea (File 655)

RESUMED UPDATING



\*\*\*File 141, Reader's Guide Abstracts

\*\*\*

RELOADS COMPLETED

\*\*\*Files 154 & 155, MEDLINE

\*\*\*File 5, BIOSIS Previews - archival data added

\*\*\*Files 340, 341 & 942, CLAIMS/U.S. Patents - 2006 reload now online

\*\*\*

DATABASES REMOVED

Chemical Structure Searching now available in Prous Science Drug Data Report (F452), Prous Science Drugs of the Future (F453), IMS R&D Focus (F445/955), Pharmaprojects (F128/928), Beilstein Facts (F390), Derwent Chemistry Resource (F355) and Index Chemicus (File 302).

\*\*\*

>>>For the latest news about Dialog products, services, content <<<

>>>and events, please visit What's New from Dialog at <<<

>>><http://www.dialog.com/whatsnew/>. You can find news about<<<

>>>a specific database by entering HELP NEWS <file number>.<<<

? Help Off Line

\* \* \*

Connecting to sahmed - Dialog - 291839

Connected to Dialog via SMS00218

? b

9,15,16,20,47,75,80,88,98,112,141,148,160,275,264,369,370,484,  
553,570,608,620,613,621,623,624,634,635,636,647,696,674,810,813,5  
87

[File 9] **Business & Industry(R)** Jul/1994-2007/May 24

(c) 2007 The Gale Group. All rights reserved.

[File 15] **ABI/Inform(R)** 1971-2007/May 28

(c) 2007 ProQuest Info&Learning. All rights reserved.

[File 16] **Gale Group PROMT(R)** 1990-2007/May 25

(c) 2007 The Gale Group. All rights reserved.

[File 20] **Dialog Global Reporter** 1997-2007/May 29

(c) 2007 Dialog. All rights reserved.

[File 47] **Gale Group Magazine DB(TM)** 1959-2007/May 17

(c) 2007 The Gale group. All rights reserved.

[File 75] **TGG Management Contents(R)** 86-2007/May W3

(c) 2007 The Gale Group. All rights reserved.

[File 80] **TGG Aerospace/Def.Mkts(R)** 1982-2007/May 25

(c) 2007 The Gale Group. All rights reserved.

[File 88] **Gale Group Business A.R.T.S.** 1976-2007/May 23  
(c) 2007 The Gale Group. All rights reserved.

[File 98] **General Sci Abs** 1984-2007/May  
(c) 2007 The HW Wilson Co. All rights reserved.

[File 112] **UBM Industry News** 1998-2004/Jan 27  
(c) 2004 United Business Media. All rights reserved.  
*\*File 112: File 112 is no longer updating.*

[File 141] **Readers Guide** 1983-2007/Mar  
(c) 2007 The HW Wilson Co. All rights reserved.

[File 148] **Gale Group Trade & Industry DB** 1976-2007/May 25  
(c) 2007 The Gale Group. All rights reserved.

[File 160] **Gale Group PROMT(R)** 1972-1989  
(c) 1999 The Gale Group. All rights reserved.

[File 275] **Gale Group Computer DB(TM)** 1983-2007/May 25  
(c) 2007 The Gale Group. All rights reserved.

[File 264] **DIALOG Defense Newsletters** 1989-2007/May 25  
(c) 2007 Dialog. All rights reserved.

[File 369] **New Scientist** 1994-2007/Dec W5  
(c) 2007 Reed Business Information Ltd. All rights reserved.

[File 370] **Science** 1996-1999/Jul W3  
(c) 1999 AAAS. All rights reserved.  
*\*File 370: This file is closed (no updates). Use File 47 for more current information.*

[File 484] **Periodical Abs Plustext** 1986-2007/May W3  
(c) 2007 ProQuest. All rights reserved.

[File 553] **Wilson Bus. Abs.** 1982-2007/May  
(c) 2007 The HW Wilson Co. All rights reserved.

[File 570] **Gale Group MARS(R)** 1984-2007/May 25  
(c) 2007 The Gale Group. All rights reserved.

[File 608] **KR/T Bus.News.** 1992-2007/May 29  
(c) 2007 Knight Ridder/Tribune Bus News. All rights reserved.

[File 620] **EIU:Viewswire** 2007/May 28  
(c) 2007 Economist Intelligence Unit. All rights reserved.

[File 613] **PR Newswire** 1999-2007/May 29  
(c) 2007 PR Newswire Association Inc. All rights reserved.  
*\*File 613: File 613 now contains data from 5/99 forward. Archive data (1987-4/99) is available in File 813.*

[File 621] **Gale Group New Prod.Annou.(R)** 1985-2007/May 25  
(c) 2007 The Gale Group. All rights reserved.

[File 623] **Business Week** 1985-2007/May 17  
(c) 2007 The McGraw-Hill Companies Inc. All rights reserved.

[File 624] **McGraw-Hill Publications** 1985-2007/May 25  
(c) 2007 McGraw-Hill Co. Inc. All rights reserved.

*\*File 624: Homeland Security & Defense and 9 Platt energy journals added Please see HELP NEWS624 for more*

[File 634] **San Jose Mercury** Jun 1985-2007/May 25  
(c) 2007 San Jose Mercury News. All rights reserved.

[File 635] **Business Dateline(R)** 1985-2007/May 26  
(c) 2007 ProQuest Info&Learning. All rights reserved.

[File 636] **Gale Group Newsletter DB(TM)** 1987-2007/May 25  
(c) 2007 The Gale Group. All rights reserved.

[File 647] **CMP Computer Fulltext** 1988-2007/Aug W3  
(c) 2007 CMP Media, LLC. All rights reserved.

[File 696] **DIALOG Telecom. Newsletters** 1995-2007/May 25  
(c) 2007 Dialog. All rights reserved.

[File 674] **Computer News Fulltext** 1989-2006/Sep W1  
(c) 2006 IDG Communications. All rights reserved.  
*\*File 674: File 674 is closed (no longer updates).*

[File 810] **Business Wire** 1986-1999/Feb 28  
(c) 1999 Business Wire . All rights reserved.

[File 813] **PR Newswire** 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc. All rights reserved.

[File 587] **Jane's Defense&Aerospace** 2007/May W1  
(c) 2007 Jane's Information Group. All rights reserved.

? s au=(Saito Hiroyuki or Saito, Hiroyuki or Saito H? or Saito, H?)

>>>W: One or more prefixes are unsupported  
or undefined in one or more files.

0 AU=SAITO HIROYUKI

14 AU=SAITO, HIROYUKI

0 AU=SAITO H?

318 AU=SAITO, H?

S1 318 S AU=(SAITO HIROYUKI OR SAITO, HIROYUKI OR SAITO  
H? OR SAITO, H?)

?  
 ? s deriv??? or calculat?????  
 Processing  
     1461625     DERIV???  
     2284092     CALCULAT?????  
 S2     3521869     S DERIV??? OR CALCULAT?????

? s load???  
 S3     2491807     S LOAD???

? s bandwidth or rate  
 Processing  
 Processing  
     830417     BANDWIDTH  
     9033685     RATE  
 S4     9696278     S BANDWIDTH OR RATE

? s s2(w)s3(w)s4  
 Processing  
     3521869     S2  
     2491807     S3  
     9696278     S4  
 S5             0     S S2(W) S3(W) S4

? s s2 and s2 and s3  
     3521869     S2  
     3521869     S2  
     2491807     S3  
 S6     230940     S S2 AND S2 AND S3

? S S2 AND S3 AND S4  
 Processing  
     3521869     S2  
     2491807     S3  
     9696278     S4  
 S7     100261     S S2 AND S3 AND S4

? s s1 and s2 and s3 and s4  
     318     S1  
     3521869     S2  
     2491807     S3  
     9696278     S4  
 S8             1     S S1 AND S2 AND S3 AND S4

? type s8/3,k/all

8/3,K/1 (Item 1 from file: 88) Links  
 Gale Group Business A.R.T.S.  
 (c) 2007 The Gale Group. All rights reserved.  
 07757751     **Supplier Number:** 125489472  
 Bacterial responses to alkaline stress.  
**Saito, Hiromi;** Kobayashi, Hiroshi  
 Science Progress , 86 , 4 , 271(12)

Winter , 2003

ISSN: 0036-8504

Language: English Record Type: Fulltext

Word Count: 4824 Line Count: 00395

Saito, Hiromi...

? s rout????

Processing

S9 4032585 S ROUT????

? s s2 and s3 and s4 and s9

Processing

3521869 S2

2491807 S3

9696278 S4

4032585 S9

S10 24697 S S2 AND S3 AND S4 AND S9

? s s10 and parallel

24697 S10

903068 PARALLEL

S11 5016 S S10 AND PARALLEL

? s s10 and (parallel?? or concurrent???0

>>>W: Unmatched parentheses

>>>E: There is no result

? s s10 and (parallel?? or concurrent???)

24697 S10

1046591 PARALLEL??

489652 CONCURRENT???

S12 6753 S S10 AND (PARALLEL?? OR CONCURRENT???)

? s s12 and (link(w)capacity)

Processing

6753 S12

2859213 LINK

5705559 CAPACITY

1714 LINK(W)CAPACITY

S13 3 S S12 AND (LINK(W)CAPACITY)

? type s13/3,k/all

Set	Items	Description
S1	873	AU=(SAITO HIROYUKI OR SAITO, HIROYUKI OR SAITO H?
OR SAITO, H?)		FROM 348, 349
S2	851919	DERIV??? OR CALCULAT????? FROM 348, 349
S3	594181	LOAD??? FROM 348, 349
S4	726820	BANDWIDTH OR RATE FROM 348, 349
S5	4	S2(W)S3(W)S4 FROM 348, 349
S6	262271	S2 AND S2 AND S3 FROM 348, 349
S7	164632	S2 AND S3 AND S4 FROM 348, 349

S8	42	S1 AND S2 AND S3 AND S4 FROM 348, 349
S9	373334	ROUT???? FROM 348, 349
S10	68297	S2 AND S3 AND S4 AND S9 FROM 348, 349
S11	36924	S10 AND (PARALLEL?? OR CONCURRENT???) FROM 348,
349		
S12	0	S12 AND (LINK(W)CAPACITY) FROM 348, 349
S13	195	S S11 AND (LINK(W)CAPACITY)
S14	0	S S13 AND S1
S15	39	S S13 NOT PY>2000


[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)


- 2000

[Ad](#)  
[Sc](#)  
[Sc](#)
☒ Search only in Engineering, Computer Science, and Mathematics.

☐ Search in all subject areas.

**Scholar** All articles - **Recent articles** Results 1 - 100 of about 140 for **load capacity parallel bandwi**
**All Results**
[D Banerjee](#)
[B Mukherjee](#)
[J Hui](#)
[E Cantu-Paz](#)
[B Res](#)

... approaches to solving a multihour broadband network **capacity** design problem with **single-path routing** - all 3 versions »

D Medhi, D Tipper - Telecommunication Systems, 2000 - Springer

... the **load** hours by the total **bandwidth** on the ... Finally, (5) specifies that the **capacity** variables take only ... of candidate virtual paths for each **load** period and ...

Cited by 28 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

... for joint configuration of the optical and electrical layer in multi-hop **wavelength routing** networks - all 5 versions »

T Cinkler, D Marx, CP Larsen, D Fogaras - INFOCOM 2000. Nineteenth Annual Joint Conference of the IEEE ..., 2000 - [ieeexplore.ieee.org](#)

... electrical domain over-bridging the speed **limits** of electronics. ... all edges have the same weight (eg, 2512 ... link w or link i - j **bandwidth (capacity)** of wavelength ...

Cited by 41 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**A practical approach for routing and wavelength assignment in largewavelength-routed optical ...** - all 5 versions »

D Banerjee, B Mukherjee - Selected Areas in Communications, IEEE Journal on, 1996 - [ieeexplore.ieee.org](#)

... Each channel can be operated asynchronously and in **parallel** at whatever ... ep to rL along with its weight fm. ... provided C 2 2 In JEL, the integer **capacity** of the ...

Cited by 234 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**Dynamic bandwidth-allocation and path-restoration in SONET self-healing networks** - all 4 versions »

A Gersht, S Kheradpir, A Shulman - Reliability, IEEE Transactions on, 1996 - [ieeexplore.ieee.org](#)

... optimal solution, Section 4 gives the **parallel** algorithm for ... of working FOL, indexed by q Cq **capacity** of FOL ... i,j) total **bandwidth** demand (offered load) for the ...

Cited by 14 - [Related Articles](#) - [Web Search](#)

**Path switching-a quasi-static routing scheme for large-scale ATM packet switches** - all 4 versions »

TT Lee, CH Lam - Selected Areas in Communications, IEEE Journal on, 1997 - [ieeexplore.ieee.org](#)

... The offered **load** is defined to be the ratio of ... As mentioned in Section II, this **capacity** graph can be ... a power of two, an efficient **parallel** algorithm proposed ...

Cited by 23 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**Internet QoS routing with IP telephony and TCP traffic** - all 6 versions »

A Dubrovsky, M Gerla, SS Lee, D Cavendish - Communications, 2000. ICC 2000. 2000 IEEE International ..., 2000 - [ieeexplore.ieee.org](#)

... In **parallel** with the QoS **routing** algorithm, also the minhop ... Each pair offers a voice **load** of 4.3 Mbps ... Thus, the bottleneck **capacity** of 15 Mbps is completely ...

[Cited by 11](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**A new degree of freedom in ATM network dimensioning: optimizing the logical configuration - all 3 versions »**

A Farago, S Blaabjerg, L Ast, G Gordos, T Henk - Selected Areas in Communications, IEEE Journal on, 1995 - [ieeexplore.ieee.org](#)

... be carried, they are represented by **parallel** routes ... probabilities  $L$ , on the logical **capacity** vector  $C$  is very complicated, even for fixed **load** sharing parameters ...

[Cited by 41](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**Fuzzy multiobjective routing model in B-ISDN - all 3 versions »**

E Aboelela, C Douligeris - Computer Communications, 1998 - [dionysos.cs.unipi.gr](#)

... hops; and • taking into consideration the likelihood of **load** congestion ... that belong  $R$ .  $C$  is the **capacity** of link ...  $E$  is the current reserved **bandwidth** in link  $l$  ...

[Cited by 21](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

**Virtual path routing for survivable ATM networks - all 4 versions »**

K Murakami, HS Kim - IEEE/ACM Transactions on Networking (TON), 1996 - [portal.acm.org](#)

... and the above procedures proceed in **parallel** from the ... Intuitively, the more residual **capacity** a link has, the ... The aggregated traffic **load** can be obtained by ...

[Cited by 72](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**A Framework for Partitioning Parallel Computations in Heterogeneous Environments - all 5 versions »**

JB Weissman, AS Grimshaw - Concurrency: Practice and Experience, 1995 - [cs.virginia.edu](#)

... nication **capacity** (ie, effective **bandwidth**) and computation power (ie ... are currently studying the impact of **load** on communication ... 2.3 Data **Parallel** Computations ...

[Cited by 33](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

**A pre-selection routing scheme for virtual circuit networks - all 5 versions »**

Q Fang - 1999 - [utdallas.edu](#)

... keywords: **Parallel**/distributed algorithms, **Routing** algorithms, virtual ... network has plenty of **capacity** and shortest ... Under heavy **load** conditions, the available ...

[Cited by 2](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)

**Comparison of capacity efficiency of DCS network restoration routing techniques - all 2 versions »**

R Doverspike, B Wilson - Journal of Network and Systems Management, 1994 - Springer

... the DCSs calculates the routes, often in **parallel** among all ... time is long, then normalization **load** balancing will ... than or equal to the spare **capacity** of the ...

[Cited by 46](#) - [Related Articles](#) - [Web Search](#)

**Heuristic technique for processor and link assignment in multicomputers - all 6 versions »**

SW Bollinger, SF Midkiff - Computers, IEEE Transactions on, 1991 - [ieeexplore.ieee.org](#)

... is formulated: 1) process annealing assigns **parallel** processes to ... on the fraction of link **capacity** utilized by ... to model both processing **load** and communication ...

[Cited by 42](#) - [Related Articles](#) - [Web Search](#)

**Network planning with random demand**

S Sen, RD Doverspike, S Cosares - Telecommunication Systems, 1994 - Springer

... lead times for the placement of high **bandwidth capacity**. ... on that potential route with the least carried **load**. ... link) route first, if spare **capacity** is available ...

[Cited by 77](#) - [Related Articles](#) - [Web Search](#)



Optimal **routing** and wavelength assignment in WDM ring networks - all 7 versions »

T Lee, K Lee, S Park - Selected Areas in Communications, IEEE Journal on, 2000 - [ieeexplore.ieee.org](#)

... real-ization of future large **bandwidth** networks [19 ... requires not only transmission line **capacity** enhancement but ... problem to find a maximum weight inde- pendent ...

[Cited by 46](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

WebWave: Globally **Load** Balanced Fully Distributed Caching of Hot Published Documents - all 8 versions »

A Heddaya, S Mirdad - Proceedings of the 17th International Conference on ..., 1997 - [doi.ieeecs.org](#)

... of the system grows as its total **capacity** increases. ... request rates, and dashed lines de- limit the folds ... Lemma 1 states that the **load** assignment produced by ...

[Cited by 62](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Resource allocation for broadband networks - all 6 versions »

JY Hui, BC Res, NJ Morristown - Selected Areas in Communications, IEEE Journal on, 1988 - [ieeexplore.ieee.org](#)

... If the **capacity** of the trunk group is utilized as ... suffi- cient statistics C, and the **bandwidth** request AR ... are the **routing** information r, and **load** infor- mation ...

[Cited by 373](#) - [Related Articles](#) - [Web Search](#)

**Bandwidth** allocation in ATM networks

JAS Monteiro, M Gerla - Annals of Operations Research, 1994 - Springer

... is concern about the extra **load** imposed on ... can- not exceed its residual **capacity**; and, • Capacities ... datagrams may be transmitted in **parallel** (ie, interleaved ...

[Cited by 6](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**Routing** through Virtual Paths in Layered Telecommunication Networks - all 5 versions »

G Dahl, A Martin, M Stoer - Operations Research, 1999 - JSTOR

... also let  $L = E$ ,  $B = 4$ . Demand  $k$  is **parallel** to  $e_k$  ... inequalities (7). We assign each edge  $e \in E$  the **capacity**  $\max\{0$  ... do not know how to find a low-weight cycle that ...

[Cited by 13](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

A hierarchical scheme for combined access control and **routing** of circuit-switched traffic in ISDN ...

G Meempat, MK Sundareshan - INFOCOM'91. Proceedings. Tenth Annual Joint Conference of ..., 1991 - [ieeexplore.ieee.org](#)

... Let  $p = 1/9$ , denote the normalized **load** in Erlangs ... control scheme will permit the total **capacity** allocation for ... switched network decomposes into  $K$  **parallel** M/M ...

[Related Articles](#) - [Web Search](#)

[book] Stochastic Decomposition: A Statistical Method for Large Scale Stochastic Linear Programming

JL Hight, S Sen - 1996 - [books.google.com](#)

... in air- line yield management, **capacity** planning, electric ... of SD with Jitka Dupocova and on a **parallel** ... **Load** duration curve 1.3: Discretized **load** duration curve ...

[Cited by 81](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

Logically rearrangeable multihop lightwave networks - all 4 versions »

JFP Labourdette, AS Acampora - Communications, IEEE Transactions on, 1991 - [ieeexplore.ieee.org](#)

... Thus, to tap the **bandwidth** of the medium, the ... is scaled up, until the channel **capacity** is reached. ... The procedure will then **route** the externally offered traffic ...

[Cited by 106](#) - [Related Articles](#) - [Web Search](#)

### A framework for partitioning **parallel** computations in heterogeneous environments

VA Chcirlolesrrlle - CONCURRENCY: PRACTICE AND EXPERIENCE, 1995 - doi.wiley.com

... communication **capacity** (ie effective **bandwidth**) and computation power (ie ... are currently

studying the impact of **load** on communication ... Data **parallel** computations ...

[Related Articles](#) - [Web Search](#)

### **Bandwidth** management at integrated network nodes: adaptive policies for optimal access control of ...

G Meempat, MK Sundareshan - Telecommunications Symposium, 1990. ITS'90 Symposium Record. ..., 1990 - [ieeexplore.ieee.org](#)

...  $p_i = A_i/p_i$ , denote the normalized **load** in Erlangs ... policies ( $m - v, n$ , constitutes the wasted link **capacity**). ... switched multi-plexer decomposes into  $K$  **parallel** M/M ...

[Related Articles](#) - [Web Search](#)

### A survey of **parallel** genetic algorithms - all 13 versions »

E Cantu-Paz - Calculateurs Paralleles, 1998 - [tracer.lcc.uma.es](#)

... and identified some bottlenecks that **limit** their **parallel** ... necessary to balance the computational **load** among the ... designed specifically for **parallel** computations ...

[Cited by 307](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

### Towards real-time optimal management of virtual paths in ATM-based B-ISDN's

SJ Chung, SP Hong, HG Song, SB Kim - Communications, 1997. ICC 97 Montreal, 'Towards the Knowledge ..., 1997 - [ieeexplore.ieee.org](#)

... way is to assign a relative weight to each ... beyond this minima (where, the required **bandwidth** ( $y_i, x_k$  ... by this specific choice of equivalent **capacity** formula. ...

[Cited by 2](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

### Optimum **Routing** Strategies for Noisy Communication Networks

R Pedersen, Y Fu - Communications, IEEE Transactions on [legacy, pre-1988], 1969 - [ieeexplore.ieee.org](#)

... limited, in a fundamental sense, in its **capacity** to transmit information by its **bandwidth** and noise ... The former imposes **limits** on how fast a signal may ...

[Web Search](#)

### Heuristic algorithms for configuration of the ATM-layer overoptical networks

T Cinkler - Communications, 1997. ICC 97 Montreal, 'Towards the Knowledge ..., 1997 - [ieeexplore.ieee.org](#)

... VPs - the **parallel** bundling of ... not increase the transfer delays and the network **load** because we join some of the streams if enough **capacity** is available ...

[Cited by 3](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

### A comparative study of **bandwidth** reservation and admission control schemes in QoS-sensitive ... - all 11 versions »

S Choi, KG Shin - Wireless Networks, 2000 - Springer

... The weight factor  $w_n$  reflects the fact that ... KG Shin / A comparative study of **bandwidth** reservation schemes In practice, it is desirable to **limit** the number of ...

[Cited by 44](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**A Logical Topology and Discrete Capacity Assignment Algorithm for Reconfigurable Networks - all 2 versions »**

MJ Lee, JR Yee - Operations Research, 1995 - JSTOR

... in a queueing system consisting of **k parallel M/M** ... physical network where  $U_a$  is the arc weight of link  $a$  ... first one is the representation of **capacity** variables as ...

[Cited by 5](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**Analog neural optimization for ATM resource management - all 3 versions »**

A Farago, J Biro, T Henk, M Boda - Selected Areas in Communications, IEEE Journal on, 1997 - [ieeexplore.ieee.org](#)

... optimization problems using the efficient **parallel** processing capabilities of ... is the aggregated offered **load** to logical ... physical link **capacity**, and and are the ...

[Cited by 5](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**Scheduling Parallel Computations in a Heterogeneous Environment - all 5 versions »**

J Weissman - University of Virginia, Charlottesville, VA, 1996 - [cs.virginia.edu](#)

... Scheduling results in a **load** balanced decom- ... widely used paradigm for expressing **parallel** computations and is common to problems in ... munication **capacity**. ...

[Cited by 17](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

**Routing in multidomain networks - all 6 versions »**

DD Dimitrijevic, B Maglaris, RR Boorstyn - Networking, IEEE/ACM Transactions on, 1994 - [ieeexplore.ieee.org](#)

... to the cost in storage, computation, and communication **bandwidth**. ... 5) **Parallel** Work of NCC's: All NCC's ... case, we reduce the original gateway **capacity** to a ...

[Cited by 8](#) - [Related Articles](#) - [Web Search](#)

**Optimal channel allocation policies for access control of circuit-switched traffic in ISDN ... - all 4 versions »**

G Meempat, MK Sundareshan - Communications, IEEE Transactions on, 1993 - [ieeexplore.ieee.org](#)

... Let  $p_i$  = denote the normalized **load** (in Erlangs) offered ... circuit-switched multiplexer decomposes into **K parallel M/M** ... by  $p_i = 1, \dots, L$ . The **capacity** (number of ...

[Cited by 17](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**A multiscale dynamic routing circuit for forming size-and position-invariant object representations - all 2 versions »**

BA Olshausen, CH Anderson, DC Essen - Journal of Computational Neuroscience, 1995 - Springer

... squashing function ( $\sigma$ ) is used to **limit**  $e$  to ... their multiplicative effect into a fixed weight as we ... in spatial frequency be approximately equal to the **bandwidth**. ...

[Cited by 46](#) - [Related Articles](#) - [Web Search](#)

**[book] Queueing-theoretic Solution Methods for Models of Parallel and Distributed Systems - all 10 versions »**

OJ Boxma, G Koole, Z Liu, (Netherlands) Centrum ... - 1994 - [math.vu.nl](#)

... and a limited shared memory **capacity** is analyzed ... customers to one of several **parallel** queues (which are ... They propose several adaptive **load** balancing algorithms ...

[Cited by 12](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)

**Using artificial neural networks to improve performance in a wireless ATM network - all 2 versions »**

M Lohi, K Madani, D Weerakoon, AH Aghvami - Vehicular Technology Conference, 1999

IEEE 49th, 1999 - [ieeexplore.ieee.org](#)

... their computing power through, first, their **parallel** distributed structure ... The total **capacity** of the cluster area is ... a law w/ even under heavy **load** conditions ...

Cited by 1 - [Related Articles](#) - [Web Search](#)

[PS] The Multicomputer Toolbox: Scalable **Parallel** Libraries for Large-Scale Concurrent Applications - all 6 versions »

A Skjellum, CH Baldwin - Conference: ACM SIGARCH international conference on ..., 1991 - [ardra.hpcl.cis.uab.edu](#)

... and impact of the Toolbox on **parallel** library use ... node count, message latency, message

**bandwidth**, and so on ... process, assuming sufficient storage **capacity** (and with ...

Cited by 24 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

Some principles for designing a wide-area WDM optical network - all 4 versions »

B Mukherjee, D Banerjee, S Ramamurthy, A Mukherjee - IEEE/ACM Transactions on Networking (TON), 1996 - [portal.acm.org](#)

... a high aggregate system **capacity** of multiple **parallel** wavelength channels ... which can maximize the offered **load** to the ... how to upgrade the **capacity** of existing ...

Cited by 174 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Generalized **load** sharing for packet-switching networks - all 4 versions »

KC Leung, VOK Li - Network Protocols, 2000. Proceedings. 2000 International ..., 2000 - [ieeexplore.ieee.org](#)

... distribute traffic to a set of **parallel** links ... Besides **capacity** expansion, traffic engineering is a powerful tool ... the same time to reduce network **load** fluctuation ...

Cited by 7 - [Related Articles](#) - [Web Search](#)

Tutorial on **parallel** processing for design automation applications (tutorial session)

JM Hancock, S DasGupta - Proceedings of the 23rd ACM/IEEE conference on Design ..., 1986 - [portal.acm.org](#)

... be interconnected to build practical **parallel** machines. ... large local memory and by **limiting** the number of ... length data packets with **routing** information included ...

[Related Articles](#) - [Web Search](#)

Tutorial on **Parallel** Processing for Design Automation Applications

JM Hancock, S DasGupta - Design Automation, 1986. 23rd Conference on, 1986 - [ieeexplore.ieee.org](#)

... be interconnected to build practical **parallel** machines. ... large local memory and by **limiting** the number of ... length data packets with **routing** information included ...

[Related Articles](#) - [Web Search](#)

[CITATION] Allocating **Bandwidth** for Bursty Connections - all 10 versions »

JM Kleinberg, Y Rabani, E Tardos - SIAM J. Comput., 2000

... nodes connected by a set of **parallel** edges ... 2 is within a constant factor of a **load** of 1 ... Stronger guarantees without exceeding the link **capacity** were provided by ...

Cited by 35 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Structural Concrete Analysis Using Rigid-Body-Spring Networks - all 3 versions »

JE Bolander Jr, GS Hong, K Yoshitake - Computer-Aided Civil and Infrastructure Engineering, 2000 - Blackwell Synergy

... greater variance in the **load**-displacement response. ... investigating the ultimate

deformation **capacity** of structural ... The spring **parallel** to the reinforcing bar ...

Cited by 9 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

### Load sharing in heterogeneous queueing systems

SA Banawan, J Zahorjan - INFOCOM'89. Proceedings of the Eighth Annual Joint ..., 1989 - [ieeexplore.ieee.org](#)

... as the system as a whole has a spared **capacity**. In this case, **load** sharing among servers becomes necessary ... b- nJS Figure 2: Heterogeneous **parallel** queues with ...

Cited by 13 - [Related Articles](#) - [Web Search](#)

### An algorithm for configuring embedded networks in reconfigurable telecommunication networks

CS Sung, SK Park - Telecommunication Systems, 1995 - Springer

... The **objective function** comprises the expected overflow-load (lost-call ... C) are the optimal flow and **capacity** for link l ... counter at IMP = 0 and its limit at 30. ...

Cited by 3 - [Related Articles](#) - [Web Search](#)

### [PS] Network resource management for enterprise-wide multimedia services - all 7 versions »

S Baqai, M Woo, A Ghafoor - IEEE Communications Magazine, 1996 - [min.ecn.purdue.edu](#)

... Multimedia information generally contains high-bandwidth data, such as ... (**capacity** and buer), a ecient network resource ... The network trac **load** at each switch can ...

Cited by 14 - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

### Multiuser diversity in delay-limited cellular wideband systems - all 4 versions »

RR Muller, G Caire, R Knopp - Information Theory Workshop, 2005 IEEE, 1929 -

[ieeexplore.ieee.org](#)

... larger than the channel coherence **bandwidth**) and K ... in the downlink (delay-limited **parallel** Gaussian broadcast ... B ACKGROUND A. **Capacity** region, power region and ...

[Related Articles](#) - [Web Search](#)

### Globally Load Balanced Fully Distributed Caching of Hot Published Documents - all 3 versions »

A Heddaya, S Mirdad - To appear in Proc. 17th IEEE Intl. Conference on Distributed ..., 1996 - [types.bu.edu](#)

... overhead associated with such a service **limits** the scalability ... of the system grows as its total **capacity** increases ... that has been adopted for **load** balancing over ...

Cited by 3 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

### Greedy online algorithms for routing permanent virtual circuits - all 5 versions »

JT Havill, W Mao - Networks, 1999 - [doi.wiley.com](#)

... assigned to one of n independent, **parallel** ma- chines. ... a request is independent of the link's **capacity**. However, the greedy **load** balancing algorithm is (log n ...

Cited by 1 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

### Virtual trees routing protocol for an ATM-based mobile network - all 2 versions »

I Katzela, M Veeraraghavan - US Patent 5,872,773, 1999 - Google Patents

... node has multiple VPI trees for **load**-balancing reasons. ... for each port, it stores the link **capacity** and the ... or excludes the a priori **bandwidth** allocation aspect ...

Cited by 39 - [Related Articles](#) - [Web Search](#)

### LP-Based Heuristic Algorithms for Interconnecting Token Rings via Source

**Routing Bridges - all 4 versions »**

V Sridhar, JS Park, B Gavish - Journal of Heuristics, 2000 - Springer

... bridges support mesh and even **parallel** redundant connections ... V; the intra-LAN traffic **load**,  $\gamma$  i ... throughput bound instead of the physical forwarding **capacity**. ...

Cited by 2 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**Rehoming Strategies for a Relief Toll Machine**

FT Man - Communications, IEEE Transactions on [legacy, pre-1988], 1977 -  
ieeexplore.ieee.org

... program is bounded by the specified minimum allowable **limit**. ... are performed only when the maximum **capacity** of an ... is added, a fraction of the maximum **load** of the ...

[Web Search](#)

**Price computation in random early marking (REM)**

S Athuraliya, S Low - Communications, 2000. ICC 2000. 2000 IEEE International ..., 2000 -  
ieeexplore.ieee.org

... loss at the link with a marginal increment in **load**. ... be induced to solve maximization (3) by **bandwidth** charging. ... rate is strictly less than the **capacity**  $2^* < q$  ...

[Related Articles](#) - [Web Search](#) - [BL Direct](#)

**Optoelectronic time-of-flight design and the demonstration of an all-optical, stored program, digital ... - all 3 versions »**

HF Jordan, VP Heuring, R Feuerstein - Proceedings of the IEEE, 1994 - ieeexplore.ieee.org

... but the shortest distances. Numerous experiments have explored the **limits** of optical communication **bandwidth**. For a single fiber ...

Cited by 26 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**Enhancement of network operation and performance**

W Holender, T Henk, S Blaabjerg, A Farago, B ... - US Patent 6,069,894, 2000 - Google Patents

... networks and distributing offered traffic **load** among routes ... system with several processors working in **parallel**. ... processor, often a large **capacity** processor. ...

Cited by 14 - [Related Articles](#) - [Web Search](#)

**A nationwide parallel computing environment - all 2 versions »**

K Kennedy, CF Bender, JWD Connolly, JL Hennessy, ... - Communications of the ACM, 1997 - portal.acm.org

... Edge centers to continue increasing their **capacity** exponentially ... interconnection fabric allowing the bisection **bandwidth** to increase ... make shared-memory **parallel** ...

Cited by 15 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**Towards real-time optimal VP management for ATM nets - all 3 versions »**

SJ Chung, SP Hong, HG Song - Telecommunication Systems, 2000 - Springer

... paper show the possibility that using **parallel** processing, the ... to each other: one pursues **load** balancing in ... the specific choice of equivalent **capacity** formula. ...

[Related Articles](#) - [Web Search](#) - [BL Direct](#)

**General Purpose Bidirectional Optical Backplane: High-performance Bus for Multiprocessor Systems - all 6 versions »**

C Zhao, T Oh, RT Chen - IEEE Comput. Soc, 1995 - doi.ieeecomputersociety.org

... effort to increase the interconnection **capacity**, optics has ... the Second Workshop on Massively **Parallel** Processing Using ... before each term the weight factors  $W_{ij}$  ...

Cited by 6 - [Related Articles](#) - [Web Search](#)

**Load sharing in a computer-communication network - all 6 versions »**

EF Wunderlich - 1976 - dspace.mit.edu

... tical **load** sharing. ... 2. The communication channel has a **capacity** of C bits per unit time so ... required to transmit a message over a finite **bandwidth** channel and ...

Cited by 1 - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)

**[PS] Joint scheduling and admission control for ATS-based switching nodes - all 4 versions »**

J Hyman, AA Lazar, G Pacifici - ACM SIGCOMM Computer Communication Review, 1992 - citeseer.csail.mit.edu

... as a means of quantifying the **capacity** of a ... it to transmit continuously at its maximum **bandwidth**, thus foregoing ... In Section 3.5, the admissible **load** region is ...

Cited by 38 - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

**Network restorability design using pre-configured trees, cycles, and mixtures of pattern types - all 3 versions »**

D Stamatelakis, WD Grover - TR Labs, Edmonton, AB, Canada, Tech. Rep. TR-1999-05, 1999 - netsys.edm.trlabs.ca

... logically in **parallel** between adjacent connected nodes of the ... pre-configured trees based on maximum weight spanning trees in the network spare **capacity** ...

Cited by 19 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

**Advanced Multi-Objective Evolutionary Algorithms Applied to Two Problems in Telecommunications - all 13 versions »**

J Knowles, M Oates, D Corne - BT Technology Journal, 2000 - Springer

... 64 units, and a 'local' type of **capacity**, 16 units ... This must not exceed the **bandwidth** of that edge, that ... the required data; however, the extra **load** on this ...

Cited by 17 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**Optimal Configuration of a Parallel Embedded System for Synthetic Aperture Radar Processing**

JT Muehring - 1997 - cs.ou.edu

... A real length of antenna, ie, the real aperture A syn synthetic aperture B **bandwidth** c speed of ... born **parallel** processing. ... terms of size, weight, and power (SWAP ...

Cited by 1 - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)

**Competitive learning algorithms and neurocomputer architecture - all 4 versions »**

HC Card, GK Rosendahl, DK McNeill, RD McLeod - Computers, IEEE Transactions on, 1998 - ieeexplore.ieee.org

... Weight updates were made if the distortion ... facilitate a re- configurable **parallel** architecture capable of ... communication to computation **bandwidth** ratio inherent ...

Cited by 15 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**A separation principle between scheduling and admission control for broadband switching - all 6 versions »**

JM Hyman, AA Lazar, G Pacifici - Selected Areas in Communications, IEEE Journal on, 1993 - ieeexplore.ieee.org

... as a means of quantifying the **capacity** of a ... to transmit continuously at its maximum **bandwidth**, thus foregoing ... In Section 111-E, the admissible **load** region is ...

Cited by 70 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**Applications of neurocomputing in traffic management of ATM networks - all 2 versions »**

IW Habib - Proceedings of the IEEE, 1996 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)

... at the VP level, would allocate **capacity** (or **bandwidth**) so ... since it is used to calculate the **bandwidth** required to ... In [15], a bank of (n) **parallel** three-layer ...

Cited by 27 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

### Data Transcoding in Multicast Sessions in Active Networks - all 3 versions »

B Duysburgh, T Lambrecht, B Dhoedt, P Demeester - Proceedings of the Second International Working Conference ..., 2000 - Springer

... of active processes being able to run in **parallel**. ... able to do any transcoding, will have a **zero capacity**. ... This way, server **load** and **bandwidth** usage are partly ...

Cited by 5 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

### Multiple satellite system power allocation by communication link optimization - all 3 versions »

RH Sherman, V Gallagher, JJY Huang - US Patent 6,091,933, 2000 - Google Patents

... a plurality of satellites in earth **55 capacity** calculation includes ... **limits**, exemplified by DOD **limits** 208. ... is run on a separate processor, **parallel** processing is ...

Cited by 7 - [Related Articles](#) - [Web Search](#)

### Cost-Benefit Analysis for Local Integrated Facsimile/Data/Voice Packet Communication Networks - all 2 versions »

C Niznik - Communications, IEEE Transactions on [legacy, pre-1988], 1982 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)

... processor, worst case configuration, software **load** by processor ... the Channel submodel channel **capacity** corrections and ... is Erlangian, with m **parallel** servers and ...

Cited by 1 - [Related Articles](#) - [Web Search](#)

### Optimized partitioning of a wavelength distributed data interfacing network - all 5 versions »

S Ramamurthy, B Mukherjee, B Moslehi - Lightwave Technology, Journal of, 1995 - [ieeexplore.ieee.org](http://ieeexplore.ieee.org)

... as possible in order to perform **load** balancing because the ... nodes, and it consists of W **parallel** (and unidirectional ... Note that the total **capacity** is not 200 Mbps ...

Cited by 3 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

### Data allocation design in computer networks: LAN versus MAN versus WAN - all 2 versions »

OR Liu Sheng, H Lee - Annals of Operations Research, 1992 - Springer

... from having a loosely-coupled distributed/**parallel** system created by ... data allocation principle (ie, **load** balancing as ... The storage **capacity limit** at node i ...

Cited by 2 - [Related Articles](#) - [Web Search](#)

### Stochastic programming approaches to stochastic scheduling - all 3 versions »

JR Birge, MAH Dempster - Journal of Global Optimization, 1996 - Springer

... at the strategic level in the a.. **limit** as n ... node and link placements and **capacity** allocations respectively. ... state d in terms of **bandwidth** requirements on the ...

Cited by 27 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

### [PS] On the Value of Coordination in Distributed Decision Making - all 9 versions »

S Irani, Y Rabani - SIAM J. Comput., 1996 - [cecs.uci.edu](http://cecs.uci.edu)

... the amount of coordination in a **parallel** program and ... How does this **capacity** change as a function of ... We consider the **load** balancing problem discussed in [11]. ...



[Cited by 1](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

**[PS] [Approximation Algorithms for Disjoint Paths Problems](#) - all 7 versions »**

JM Kleinberg - 1996 - citeseer.csail.mit.edu

... available **bandwidth** on a link [12, 90]; for such situations, one must be ... whose **capacity** is small relative to the individual demands. ... The goal remains to **route** ...

[Cited by 124](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)

**[A model for determining the optimal topology and database allocation in computer networks](#)**

A Raghuram, TW Morgan, P Julien-Laferriere, GS ... - Computers and Communications, 1989. Conference Proceedings., ..., 1989 - ieeexplore.ieee.org

... consider the interdependencies of topology, database locations, and **routing**. ... variable cost depends both on the **bandwidth** and distance ... i and j has a **capacity**  $Q_c$  ...

[Cited by 2](#) - [Related Articles](#) - [Web Search](#)

**[PS] [A Survey of Parallel Genetic Algorithms](#) - all 8 versions »**

E Cant  -Paz - Illinois Genetic Algorithms Lab. IlliGAL Report, 1997 - gal4.ge.uiuc.edu

... identified some bottlenecks that **limit** their **parallel** ... to balance the computational **load** among the ... microprocessors designed specically for **parallel** computations. ...

[Cited by 2](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

**[Digital data networks design using genetic algorithms](#) - all 3 versions »**

CH Chu, G Premkumar, H Chou - European Journal of Operational Research, 2000 - zope-295-a.smeal.psu.edu

... that minimizes the total edge weight of the ... be based on their distance, **capacity**, quality of ... **bandwidth** packing in telecommunication networks (Laguna and Glover ...

[Cited by 12](#) - [Related Articles](#) - [Web Search](#)

**[Network controller design for SONATA-a large-scale all-optical passive network](#) - all 7 versions »**

A Bianco, E Leonardi, M Mellia, F Neri, D di ... - Selected Areas in Communications, IEEE Journal on, 2000 - ieeexplore.ieee.org

... pairs of PONs experiencing a **load** above a ... less than 2% of the available network **capacity**.

More- over, sophisticated **parallel** algorithms and architectures can ...

[Cited by 26](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**[PS] [Maximizing Throughput of Reliable Bulk Network Transmissions](#) - all 7 versions »**

C Papadimitriou - 1997 - cs.bu.edu

... **capacity**. We begin with a simplified formulation of the static **bandwidth** allocation prob- ... The 0/1 constants  $a_{ij}$  are set to 1 if the **route** of connection  $j$  ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#)

**[BOOK] [Proceedings of the International Workshop on Applications of Neural Networks to Telecommunications 3](#)**

TX Brown, J Alspector, R Goodman - 1997 - books.google.com

... techniques to manage admission, **bandwidth** alloca- tion ... the effect that the resulting **load** distribution approaches ... As a result less additional **capacity** is needed ...

[Related Articles](#) - [Web Search](#)

**[Design Of Logical Topologies For Wavelength Routed Networks](#) - all 3 versions »**

R Dutta, GN Rouskas - Optical WDM Networks: Principles and Practice, Kluwer ..., 2000 - Springer  
 ... fiber can carry several channels in **parallel**, each on ... as links are not loaded close to **capacity**), queueing delays ... bound utilizes the fact that the **load** on each ...  
[Cited by 2](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[PS] A survey of virtual topology design algorithms for wavelength routed optical networks - all 6 versions »

R Dutta, GN Rouskas - Optical Networks Magazine, 2000 - networking.ncsu.edu  
 ... because optical technology, allowing more **capacity** than electronic ... can carry several channels in **parallel**, each on ... Virtual Trac Load When a virtual topology is ...  
[Cited by 188](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

Optimising accelerator for CAD workstation

FWD Woodhams, WL Price - Computers and Digital Techniques, IEE Proceedings-, 1987 - ieeexplore.ieee.org  
 ... as VLSI design (placement and **routing**), task scheduling ... In general the **objective function** is nonlinear ... accelerator, which incorporates **parallel** processing, can ...  
[Cited by 2](#) - [Related Articles](#) - [Web Search](#)

[PS] NETWORK AND PROTOCOL DESIGN FOR SURVIVABLE

RE COTTER - 1999 - cstp.umkc.edu  
 ... 30. Allocate Backup **Capacity** Message Flow . ... H Cardinality of the set of **load** hours  
 $H = \#(H)$  ... b sh k Estimated **bandwidth** requirement to provide connections for ...  
[Related Articles](#) - [View as HTML](#) - [Web Search](#)

On the value of information in coordination games - all 2 versions »

S Irani, Y Rabani - Foundations of Computer Science, 1993. Proceedings., 34th ..., 1993 - ieeexplore.ieee.org  
 ... plement a para1 1 el pr0gra.m where the **parallel** tasks ... How does this **capacity** change as a ... Their goal is to minimize the maximum **load** on an agent. ...  
[Cited by 5](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

The post-game analysis framework-developing resource managementstrategies for concurrent systems - all 6 versions »

JC Yan, SF Lundstrom - Knowledge and Data Engineering, IEEE Transactions on, 1989 - ieeexplore.ieee.org  
 ... 25], clustering [26], [271 and **bandwidth** minimization [28 ... graphs are needed to represent  
**parallel** computations that ... D. Load Sharing Load sharing algorithms are ...  
[Cited by 10](#) - [Related Articles](#) - [Web Search](#)

ANDES: evaluating mapping strategies with synthetic programs - all 4 versions »

JP Kitajima, B Plateau, P Bouvry, D Trystram - Journal of Systems Architecture: the EUROMICRO Journal, 1996 - ist.lu  
 ... with a finite **capacity** and a communication network with a ... a communication **load** (eg, number of integers exchanged ... to perform a granularity analysis of a **parallel** ...  
[Cited by 2](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

Using distributed topology update and preplanned configurations toachieve trunk network ... - all 3 versions »

BA Coan, WE Leland, MP Vecchi, A Weinrib, LT Wu - Reliability, IEEE Transactions on, 1991 - ieeexplore.ieee.org  
 ... time necessary to compute and down-load the configuration ... nodes are shown as

groups  
of **parallel** lines, with each line representing one STS1 worth of **capacity**. ...  
[Cited by 44](#) - [Related Articles](#) - [Web Search](#)

### Distributed Preconfiguration of Spare **Capacity** in Closed Paths for Network Restoration

D Stamatelakis, WD Grover - US Patent Pending, July, 1997 - freepatentsonline.com  
... of all working and spare links in **parallel** between adjacent ... 2-step restorability  
in the existing spare **capacity** (IP-1 ... A hop **limit** of 12 was necessary to control ...  
[Cited by 6](#) - [Related Articles](#) - [Cached](#) - [Web Search](#)

### [BOOK] **Parallel** processing: CONPAR 94-VAPP VI: Third Joint International Conference on Vector and **Parallel** ...

B Buchberger, J Volkert - 1994 - books.google.com  
... Jens Volkert (Eds.) **Parallel** Processing: CONPAR 94 - VAPPVI Third Joint International  
Conference on Vector and **Parallel** Processing Linz, Austria. ...  
[Web Search](#)

### Hypercube supercomputers - all 3 versions »

JP Hayes, T Mudge - Proceedings of the IEEE, 1989 - ieeexplore.ieee.org  
... called the Columbia Homo- geneous **Parallel** Processor (CHOPP ... consumption, and  
cooling  
needs within reasonable **limits**. ... with a combined storage **capacity** of 0.5 MB. ...  
[Cited by 49](#) - [Related Articles](#) - [Web Search](#)

### A heuristic algorithm for mapping communicating tasks on heterogeneous resources - all 19 versions »

K Taura, A Chien - Heterogeneous Computing Workshop, 2000 - doi.ieeeecs.org  
... more available resources such as **parallel** compute-servers ... task weights roughly  
proportion to its compute **capacity**. ... it is typically when the compute-load is best ...  
[Cited by 38](#) - [Related Articles](#) - [Web Search](#)

### [PS] **Massively Parallel** Self-Organising Feature Maps - all 2 versions »

P Frantz - 1995 - cs.jcu.edu.au  
... concerning the **parallel** HKFN implementation are outlined in ... nd a way of propagating  
the weight corrections ... energy function **E** as an **objective function** that is ...  
[Related Articles](#) - [View as HTML](#) - [Web Search](#)

### [PS] **Mapping neural networks onto message-passing multicomputers** - all 7 versions »

J Ghosh, K Hwang - Journal of **Parallel** and Distributed Computing, 1989 -  
lans.ece.utexas.edu  
... interprocessor communication **bandwidth** ... operate in a highly **parallel** fashion. ... Every  
connection has a strength or a weight associated with it, and the pattern of ...  
[Cited by 38](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

### An innovative technique for backbone network design - all 2 versions »

NG Chattopadhyay, TW Morgan, A Raghuram - Systems, Man and Cybernetics, IEEE  
Transactions on, 1989 - ieeexplore.ieee.org  
... changes occur in network-offered **load** on a more perma- nent basis ... 15] have  
implemented  
a **parallel** optimization approach ... c if link  $ij$  has a **capacity** of  $Q_{ij}$ , and  $c_{ij}$  ...  
[Cited by 3](#) - [Related Articles](#) - [Web Search](#)

PERFORMANCE OF A THREE-STAGE BANYAN-BASED ARCHITECTURE WITH INPUT AND OUTPUT BUFFERS FOR LARGE FAST ... - all 2 versions

»

FM Chiussi, FA Tobagi - Computer, 1993 - reports.stanford.edu

... architecture consisting of **parallel** banyans with input and ... exceeds the **capacity** of the links, blocking occurs ... must guarantee that sufficient **bandwidth** to carry ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#)

Frequency Assignment in Mobile Phone Systems - all 12 versions »

M Grötschel - Lecture Notes in Computer Science, 2000 - webdoc.sub.gwdg.de

... 8 further calls – depending on the extra signalling **load**. ... for one antenna, ie, the maximum **capacity** of a ... BSC, while a BSC operates several BTSs in **parallel**. ...

[Cited by 1](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

[PS] A multicast user directory service for synchronous rendezvous - all 14 versions »

EM Schooler - 1996 - caltechctr.library.caltech.edu

... 5.5.6 Multicast **Routing** : : : : 45 ii ... distribution can result in significant **bandwidth** savings ... for this and actually **route** the real ...

[Cited by 24](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

Stochastic programming approaches to stochastic scheduling John R. Birge and MAH Dempster.

JR Birge - 1995 - deepblue.lib.umich.edu

... scheme where every scenario path has weight  $\pi_i = \dots$ . This result also indicates that **parallel** processing may offer ... At the **capacity** planning level, we showed how ...

[Cached](#) - [Web Search](#)

Google ►

Result Page: 1 2 [Next](#)

load capacity parallel bandwidth limit

[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2007 Google


[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

load capacity parallel bandwidth limit route O

- 2000

[Ad](#)  
[Sc](#)  
[Sc](#)
☒ Search only in Engineering, Computer Science, and Mathematics.

☐ Search in all subject areas.

**Scholar** [All articles](#) - [Recent articles](#) Results 101 - 140 of 140 for load capacity parallel bandwidth
**All Results**[D Banerjee](#)[B Mukherjee](#)[J Hui](#)[E Cantu-Paz](#)[B Res](#)
[Using Constraint Logic Programming in Memory Synthesis for General Purpose Computers - all 15 versions »](#)

 R Beckmann, J Herrmann - Proc. of the Conference on Design, Automation & Test in ..., 1997 - [Is12-www.cs.uni-dortmund.de](#)

 ... more and more complex to supply the required **bandwidth**. ... w o (o k) a weight function expressing ... strategies [Schw81] consider several candidates in **parallel**. ...

[Cited by 4](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)
[Stochastic programming approaches to stochastic scheduling](#)

 MAH Dempster, JR Birge - 1996 - [deepblue.lib.umich.edu](#)

 ... at the strategic level in the a.. **limit** as n ... node and link placements and **capacity** allocations respectively. ... state d in terms of **bandwidth** requirements on the ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#)
[Modeling and Heuristic Worst-Case Performance Analysis of the Two-Level Network Design Problem - all 7 versions »](#)

A Balakrishnan, TL Magnanti, P Mirchandani - Management Science, 1994 - JSTOR

 ... an ap- proximate representation of **capacity** constraints via ... in terms of secondary costs) **parallel** edge. ... The modified weight heuristic then completes the TLND ...

[Cited by 40](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#) - [BL Direct](#)
[\[PS\] Job Scheduling in Multiprogrammed Parallel Systems - all 7 versions »](#)

 D Feitelson - IBM Research Report, 1997 - [cse.huji.ac.il](#)

 ... **load** balancing . ... For many users, the **capacity** for interactive use is even more ... each other implies that the design space for multiprogrammed **parallel** systems is ...

[Cited by 55](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)
[Hardware/software co-design - all 28 versions »](#)

 G De Michell, RK Gupta - Proceedings of the IEEE, 1997 - [ieeexplore.ieee.org](#)

 ... The definition of an instruction set permits the **parallel** ... by successive refinement, under constraints of communication **bandwidth** and **load** balancing between ...

[Cited by 182](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#) - [BL Direct](#)
[\[PS\] ALGORITHMS FOR NETWORK ROUTING, MULTICASTING, SWITCHING, AND DESIGN - all 2 versions »](#)

 A Goel - 1999 - [stanford.edu](#)

 ... can not be transferred in **parallel**. ... transfer requests given **bandwidth** constraints of the underlying communication ... factor; such **capacity** increase is called ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)
[\[PS\] Using Constraint Logig Programming in Memory Synthesis for General Purpose - all 3 versions »](#)

 R Beckmann, J Herrmann - 1998 - [dspace.hrz.uni-dortmund.de](#)

 ... more and more complex to supply the required **bandwidth**. ... w o (o k) a weight function

expressing ... strategies [Schw81] consider several candidates in **parallel**. ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#)

**[BOOK] Intelligent Agents for Telecommunication Applications: Second International Workshop, IATA'98, Paris ...**

S Albayrak, FJ Garijo - 1998 - [books.google.com](#)

... to derive efficient heuristics that achieve a **load** balancing effect ... If it falls below the **bandwidth**  $\beta$  of ... no alternative **route** exists with **capacity**  $> \beta$  within ...

[Cited by 1](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

**[PS] Statistical Machine Learning for Large-Scale Optimization - all 20 versions**

»

S Baluja, AG Barto, KD Boese, J Boyan, W Buntine, ... - Neural Computing Surveys, 2000 - [www-2.cs.cmu.edu](#)

... Boese denotes the "central limit catastrophe" of multi-start ... for use by Eureka, their **parallel** search architecture ... an initial state and/or a weight vector, which ...

[Cited by 2](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

**[BOOK] Design and analysis of cellular mobile data networks - all 4 versions »**

AG Valkó, Egyetem. Budapesti Műszaki, Villamos - 1999 - [mcl.hu](#)

... 18 2.9 QoS violation with **load** sharing [min ... of wireless cells in cellular system D i **Capacity** of ith ... **bandwidth** in the system B Average reserved **bandwidth** in the ...

[Cited by 10](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

**[PS] PRICING IN MULTIPLE SERVICE CLASS COMPUTER COMMUNICATIONS NETWORKS**

RP Cocchi - 1992 - [netweb.usc.edu](#)

... car. Gene Tsudik for his continued inspiration and support. I attained to **parallel** ... 15 2.2.3 Peak **Load** Pricing : : : : 16 ...

[Cited by 2](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)

**Minimizing cost and delay in shared multicast trees - all 7 versions »**

SJ Koh, JH Yi, JH Hahm, BM Chin, CH Park - ETRI Journal, 2000 - [etrij.etri.re.kr](#)

... available resources enough to provide the required **bandwidth**. ... the model,  $k$  represents a relative weight for tree ... the path provides enough link **capacity** for the ...

[Cited by 8](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

**Speed and power scaling of SRAM's - all 12 versions »**

BS Amrutur, MA Horowitz - Solid-State Circuits, IEEE Journal of, 2000 - [ieeexplore.ieee.org](#)

... wire, in effect driving two segments in **parallel**, each having a ... obtained between these by varying the weight values and ... to the log of the **capacity** as observed ...

[Cited by 58](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**Protocol Design for Congestion Management in Narrowband Integrated Networks - all 8 versions »**

SS Kapadia - 1992 - [tisl.ukans.edu](#)

... due to the ber revolution 25, **parallel** developments in ... tarily increase channel **capacity** for the purpose of ... on a number of criteria such as **load** and negotiated ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)

**Managing Virtual Circuit and Virtual Path Services on ATM Networks with Quality of Service ... - all 3 versions »**

N Anerousis - 1996 - [anerosis.com](#)

... copes with the fluctuation of traffic **load** and provides ... because of the shift in the

**bandwidth/delay product** ... is due to the ever increasing **capacity** of fiber ...

Cited by 1 - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)

[PS] [The Impact of Application and Architecture Properties on Real-Time Multiprocessor Scheduling - all 2 versions »](#)

J Jonsson - 1997 - [ce.chalmers.se](#)

... and J. Vasell, \On **Objective Function** Selection in ... of the 26th International Conference on **Parallel Processing** ... 4.11 **Routing** controller organization for (a) TDC ...

Cited by 12 - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#) - [BL Direct](#)

[PS] [Multicast Routing Algorithms for Multimedia Trac - all 4 versions »](#)

VP Kompella - 1993 - [cs.ucsd.edu](#)

... the presence of smart switches, data transfer takes place in **parallel** to the ... multicast case would be to **route** the data over the tree composed of ... **bandwidth**. ...

Cited by 4 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Models for planning the evolution of local telecommunication networks - all 4 versions »](#)

A Balakrishnan - 1989 - [dspace.mit.edu](#)

... into increased cable **capacity** requirements on every intermediate ... **bandwidth** (some with a transmission capability of ... is currently the main **limiting** factor for ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)

[BOOK] [Technology and infrastructure: NOC'98:\[proceedings of the European Conference on Networks and ...](#)

DW Faulkner - 1998 - [books.google.com](#)

... Jourdan Address : Alcatel Alsthom Recherche - **Route** de Nozay ... The main **limiting** factor

is noise whose accumulation is ... to constrained amount of **capacity** of each ...

[Web Search](#)

[Optimization methods for topological design of interconnected ring networks](#)

V Brodsky - 1994 - [dspace.mit.edu](#)

... The **bandwidth** allocated for ... 2 on the link BC. Consider the **routing** table below. As compared to the USHR ring, BSHR ring contains spare **capacity** on ...

[Related Articles](#) - [Web Search](#) - [Library Search](#)

[The MarCon algorithm: A systematic market approach to distributed constraint problems - all 11 versions »](#)

HVAND PARUNAK, AC WARD, JA SAUTER - AI EDAM, 1999 - Cambridge Univ Press

... re- sults are attainable under some **limiting** assumptions, and ... up to the transmission's **capacity**, but wishes ... Ordinal variables such as weight or torque, whose ...

Cited by 14 - [Related Articles](#) - [Web Search](#) - [Library Search](#) - [BL Direct](#)

[BOOK] [Algorithm Theory Swat 2000: 7th Scandinavian Workshop on Algorithm Theory: Bergen, Norway, July 2000 ... - all 2 versions »](#)

MM Halldórsson - 2000 - [books.google.com](#)

... **Parallel** Attribute-Efficient Learning of Monotone Boolean Functions ... weight of a link inversely proportional to its **capacity**. ... any **limits** on how much **load** can be ...

[Related Articles](#) - [Web Search](#) - [Library Search](#)

[Study on the Implementation of Optical Transparent Transport Networks in the European Environment— ... - all 3 versions »](#)

P Batchelor, B Daino, P Heinzmann, DR Hjelle, R ... - Photonic Network Communications,

2000 - Springer

... the erbium gain  $\Gamma$ uctuations in the WDM signal **bandwidth**. ... as shortest path or minimum link **load** can direct ... The operation or working **capacity** on a physical link ...

[Cited by 10](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[A cognitively based functional taxonomy of decision support techniques - all 3 versions »](#)

W Zachary - Human-Computer Interaction, 1986 - Lawrence Earlbaum

... narrow **bandwidth** of short-term and perceptual memory (eg, Card, Moran, & Newell ... information processor, the human being has an almost infinite **capacity** for long ...

[Cited by 23](#) - [Related Articles](#) - [Web Search](#)

[Hardware-Software Co-Design of Embedded Systems](#)

H WAYNE - PROCEEDINGS OF THE IEEE, 1994 - class.ece.iastate.edu

... on the DSP, and a **parallel** port on the ... **Bandwidth** limitations on the commonly used interproces- sor ... While the mission requirements (gross weight, maximum speed ...

[Cited by 2](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[\[PS\] Wireless Network Multicasting - all 5 versions »](#)

CC Chiang - 1998 - cs.ucla.edu

... 4.5 Multicast Trac **Load** . ... and Rajive Bagrodia, \Parallel Simulation Environment for Mobile Wireless Net ... channel and spatial reuse, which increases the **capacity** ...

[Cited by 33](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)

[mi^^ the two are](#)

AD Approximation - IEEE TRANSACTIONS ON SIGNAL PROCESSING, 1995 -  
ieeexplore.ieee.org

... With simple algebra, we can solve (BS), and the **bandwidth** is as follows: ... we may take the expectation of the stochastic variables before taking the **limit** of the ...

[Web Search](#)

[ATM Core Network Design](#)

DG Nielsen - 1998 - dan.nielsen.dk

... architectures, because of the inherent **route** diversity, when ... of the ring, causing poor **bandwidth** utilization. ... protection, and if half the **capacity** is reserved ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#)

[\[book\] Mobile Multimedia Systems - all 7 versions »](#)

PJM Havinga - 2000 - doc.utwente.nl

... 3.4 R ELATED WORK 3 – 34 3.4.1 Multimedia architectures 3 – 34 3.4.2 Heterogeneous **parallel** architectures 3 – 35 3.4.3 Network attached devices 3 – 37 ...

[Cited by 55](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

[Statistical Analysis of Long-Range Dependent Processes via a Stochastic Intensity Approach, with ...](#)

PH Tan - 1999 - lib.ncsu.edu

... of 100 Mbps or more, supercomputers, and **parallel** machines is a ... In computer networking,

the term **bandwidth** refers to the measure of the **capacity** of a medium ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)

[Genetic algorithms at UC Davis/LLNL - all 2 versions »](#)

VR Vemuri - 1993 - osti.gov

... GA to search for an initial weight vector for ... Optimizing Connections and Connectivity,"



**Parallel Computing**, vol. ... each individual has the **capacity** to represent ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#)

[On approximating arbitrary metrics by tree metrics - all 2 versions »](#)

Y Bartal - Proceedings of the thirtieth annual ACM symposium on Theory ..., 1998 - portal.acm.org

... Schieber minimizing Stall Time in Single and **Parallel** Disk Systems . ... The goal is to minimize the total **load**. ... in a network with limited memory **capacity** at the ...

[Cited by 191](#) - [Related Articles](#) - [Web Search](#)

[PS] [Symbiotic Jobscheduling on Hardware Multithreaded Architectures](#)

AE Snavely - 2000 - sdsc.edu

... 2 oating point, 2 integer, and 4 **load/store** instructions ... high while priority policies are enforced by **limit**- ... of balancing the demands of **parallel** jobs waiting ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)

[This paper appears in: Circuits and Systems, 1997. Proceedings of the 40th Midwest Symposium on ...](#)

TOC View - Circuits and Systems, 1997. Proceedings of the 40th Midwest ..., 1997 - ieeexplore.ieee.org

... are permitted to photocopy beyond the limit of US ... CA S-1-3 A Novel **Parallel** Architecture for a ... 30MHz Analog CMOS Current-Mode **Bandwidth** Programmable Integrator ...  
[Web Search](#)

[The UCSD Active Web - all 6 versions »](#)

J Pasquale - 1998 - activeweb.ucsd.edu

... and easy to implement and therefore propagate, is **limit**- ... The cumulative storage **capacity**

of all the ... RAID enclosure including Dual 300; Watt **Load** Sharing Hot ...

[Cited by 1](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Design and Implementation of a Multicast, Input-buffered ATM Switch for the IPOINT Testbed - all 2 versions »](#)

JW Lockwood - 1996 - arl.wustl.edu

... not oer the economy or **capacity** of silicon-based ... each of the input queue modules, in **parallel**, performs ... providing an n-fold decrease in memory **bandwidth**. As ...

[Cited by 3](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)

[Infrastructure for distributed enterprise simulation - all 5 versions »](#)

MM Johnson, AS Yoshimura, ME Goldsby - 1998 - infoserve.sandia.gov

... Often the **capacity** of a computer's primary memory ... capable of supporting massive model,

**parallel** discrete event ... of interest was that perfect **load** balance is ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#)

[PS] [Code Generation Algorithms for Digital Signal Processors - all 9 versions »](#)

GCS de Araújo - 1997 - ns.lsc.ic.unicamp.br

... **limits** determined by our senses ... For example, CD stereo sound has a **bandwidth** of 175 ...

this case, reducing code size becomes an important **objective function** in the ...

[Cited by 28](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)

[p2p^\(information\[0, 0\] dissemination\) - all 5 versions »](#)

J Smith, J Smith - Transactions on Information Systems, 1999 - p2pir.is.informatik.uni-  
duisburg.de

... the pub/sub system SIENA [3] and used arbitrary graphs and standard network **routing**  
algorithms based on shortest paths and min-imum weight spanning trees. 1 ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Query Optimization in Database Systems - all 13 versions »](#)

M Jarke, J Koch - ACM Computing Surveys (CSUR), 1984 - portal.acm.org

... Fortunately, both objectives are largely complementary; when goal conflicts arise,  
they are typically re- solved by assigning **limits** to the availability of ...

[Cited by 355](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)



Result Page: [Previous](#) [1](#) [2](#)

load capacity parallel bandwidth limi

[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2007 Google